2/10/86 A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 67 For Week Ended January 31, 1986 NO. 5

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 01/31/86	Last Week Ending: 01/24/86	Last Year Week Ending: 02/01/85	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,583	12,575	11,586	8	997
Operable capacity	15,674	15,674	15,746	0	-72
Percent operated	80.3	80.2	73.6		
Motor Gasoline					
Total motor gasoline production	6,719	6,429	5,821	290	898
Finished leaded motor gasoline production	2,002	2,028	2,101	-26	-99
Finished unleaded motor gasoline production	4,717	4,401	3,720	316	997
Total motor gasoline stocks	236,150	230,787	233,118	5,363	3,032
Finished leaded motor gasoline stocks	79,861	77,214	87,938	2,647	-8,077
Finished unleaded motor gasoline stocks	117,833	114,243	108,629	3,590	9,204
Distillate Fuel Oil					
Distillate fuel oil production	2,722	2,886	2,693	-164	29
Distillate fuel oil stocks	137,510	143,072	141,813	-5,562	-4,303
Residual Fuel Oil					
Residual fuel oil production	882	1,024	1,061	-142	-179
Residual fuel oil stocks	48,657	48,119	47,635	538	1,022
Imports					
Crude oil imports	3,459	3,335	2,866	124	593
Product imports	2,300	1,595	1,642	705	658
Crude Oil Stocks					
Crude oil stocks	325,012	325,060	328,849	-48	-3,837

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 67 For Week Ended January 31, 1986 NO. 5

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,239	1,023	1,026	1,487	69.0
Appal. No. 1	96	91	92	116	79.3
DISTRICT 1 TOTAL	1,335	1,114	1,118	1,603	69.7
Appal. No. 2	66	59	59	66	89.4
Ind., Ill., Ky.	2,048x	1,773x	1,803x	2,176	82.9x
Minn., Wis., Daks.	309	293	293	301	97.3
Okla., Kans., Mo.	709	631	635	726	87.5
DISTRICT 2 TOTAL	3,132x	2,756x	2,790x	3,269	85.3x
Inland Texas	559x	453	455	547	83.2
Texas Gulf Coast	3,325	2,886	2,993	3,736	80.1
La. Gulf Coast	2,414	2,164	2,164	2,608	83.0
N. La. and Ark.	194	182	183	250	73.2
New Mexico	81	63	65	68	95.6
DISTRICT 3 TOTAL	6,573x	5,748	5,860	7,209	81.3
DISTRICT 4 TOTAL	418	409	412	559	73.7
DISTRICT 5 TOTAL	2,485	2,370	2,403	3,034	79.2
TOTAL U.S.	13,943	12,397	12,583	15,674	80.3
TOTAL U.S.					
Weeks Ended:					
JAN. 24, 1986	13,973x	12,408x	12,575x	15,674	80.2x
FEB. 1, 1985	12,303	11,430	11,586	15,746	73.6
DISTRICTS 1-4					
Weeks Ended:					
JAN. 31, 1986	11,458	10,027	10,180	12,640	80.5
JAN. 24, 1986	11,462x	10,013x	10,167x	12,640	80.4x
FEB. 1, 1985	9,994	9,298	9,464	12,695	74.5

* See Revisions page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended January 31, 1986

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	636	151	485	20	65	306	144
Appal No 1	38	14	24	--	--	30	4
DISTRICT 1 TOTAL	674	165	509	20	65	336	148
Appal No 2	38	13	25	--	1	17	2
Ind, Ill, Ky	1,136*	318*	818*	19	116	347*	53
Minn, Wis, Daks	160	52	108	3	12	74	5
Okla, Kans, Mo	420	213	207	2	45	159	11
DISTRICT 2 TOTAL	1,754*	596*	1,158*	24	174	597*	71
Inland Texas	287	120	167	24	27	114	19
Texas Gulf Coast	1,574	428	1,146	36	285	612	148
La Gulf Coast	1,058	256	802	23	299	472	120
N La and Ark	56	19	37	7	--	56	9
New Mexico	36	17	19	10	1	13	--
DISTRICT 3 TOTAL	3,011	840	2,171	100	612	1,267	296
DISTRICT 4 TOTAL	219	110	109	13	22	110	9
DISTRICT 5 TOTAL	1,061	291	770	57	281	412	358
TOTAL U.S.	6,719	2,002	4,717	214	1,154	2,722	882
TOTAL U.S.							
Weeks Ended:							
JAN. 24, 1986	6,429*	2,028*	4,401*	202	1,192	2,886*	1,024
FEB. 1, 1985	5,821	2,101	3,720	209	934	2,693	1,061
DISTRICTS 1-4							
Weeks Ended:							
JAN. 31, 1986	5,658	1,711	3,947	157	873	2,310	524
JAN. 24, 1986	5,456*	1,692*	3,764*	148	903	2,459*	594
FEB. 1, 1985	4,825	1,749	3,076	147	653	2,358	697

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

* See revisions page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended January 31, 1986

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,201	1,852	3,348	1	181	609	8,063	917	--
Central Atlantic	32,002	10,529	16,317	5,156	312	4,280	32,689	18,296	12,073
Lower Atlantic	27,966*	10,447*	17,460*	59	481	3,056	13,270	3,500	323
DISTRICT 1 TOTAL	65,169*	22,828*	37,125*	5,216	974	7,945	54,022	22,713	12,396
DISTRICT 2 TOTAL	65,027	26,204	31,972	6,851	977	8,387	38,220	3,755	15,553*
DISTRICT 3 TOTAL	66,738	18,160	32,137	16,441	2,379	12,519	29,698	12,234	49,763
DISTRICT 4 TOTAL	7,737	3,152	2,631	1,954	415	647	3,178	418	2,133
DISTRICT 5 TOTAL	31,479	9,517	13,968	7,994	1,752	5,485	12,392	9,537	22,765
TOTAL U.S.	236,150	79,861	117,833	38,456	6,497	34,983	137,510	48,657	102,610
TOTAL U.S. **Weeks Ended:**									
JAN. 24, 1986	230,787*	77,214*	114,243*	39,330	6,676	34,585	143,072	48,119	103,496*
FEB. 1, 1985	233,118	87,938	108,629	36,551	6,466	35,720	141,813	47,635	98,982
DISTRICTS 1-4 **Weeks Ended:**									
JAN. 31, 1986	204,671	70,344	103,865	30,462	4,745	29,498	125,118	39,120	79,845
JAN. 24, 1986	199,803*	67,146*	101,717*	30,940	4,912	29,175	129,635	37,910	80,745*
FEB. 1, 1985	201,186	77,090	95,376	28,720	4,711	29,535	130,798	38,223	74,485

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended January 31, 1986

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Sept. 1985	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
JAN. 31, 1986	5,927.5	5,792.0	3,333	429	247,792
JAN. 24, 1986	5,927.5	--	3,311	368	249,282*
JAN. 17, 1986	5,927.5	--	2,875	486	242,662
JAN. 10, 1986	5,927.5	--	3,153	365	244,722
DISTRICT 5 TOTAL					
JAN. 31, 1986	3,028.9	2,930.0	126	42	77,220 ‡
JAN. 24, 1986	3,028.9	--	24	1	75,778*
JAN. 17, 1986	3,028.9	--	160	23	75,510
JAN. 10, 1986	3,028.9	--	198	--	74,305
TOTAL U.S.					
JAN. 31, 1986	8,956.4	8,722.0	3,459	471	325,012 ‡
JAN. 24, 1986	8,956.4	--	3,335	369	325,060*
JAN. 17, 1986	8,956.4	--	3,035	509	318,172
JAN. 10, 1986	8,956.4	--	3,351	365	319,027
FEB. 1, 1985	8,677.0 /a	--	2,866	206	328,849

‡INCLUDES 26,288 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE actual for January 1985

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
JAN. 31, 1986	13,371	72,773	148,909	12,739	247,792	77,220 ‡	325,012 ‡
JAN. 24, 1986	15,990	72,623*	147,872	12,797	249,282*	75,778*	325,060*
FEB. 1, 1985	16,423	72,335	150,739	13,168	252,665	76,184	328,849

[1]See definitional notes, Page 6

* See revisions on page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended January 31, 1986

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	135	83	52	--	--	--	129	--	18	15	--	297
Central Atlantic	417	99	318	4	--	14	189	293	9	7	215	1,148
Lower Atlantic	11	3	8	--	--	22	13	203	--	--	6	255
DISTRICT 1 TOTAL												
JAN. 31, 1986	563	185	378	4	--	36	331	496	27	22	221	1,700
JAN. 24, 1986	91	1	90	--	34	36	353	359	19	44	169	1,105
JAN. 17, 1986	92	20	72	58	41	16	241	326	41	8	212	1,035
JAN. 10, 1986	134	42	92	15	22	48	368	571	43	82	97	1,380
DISTRICTS 2-4 TOTAL												
JAN. 31, 1986	19	--	19	--	--	--	11	24	198	97	186	535
JAN. 24, 1986	6	--	6	--	--	--	8	29	183	104	83	413
JAN. 17, 1986	3	--	3	--	--	37	20	7	175	142	103	487
JAN. 10, 1986	33	21	12	--	--	--	25	185	163	154	87	647
DISTRICT 5 TOTAL												
JAN. 31, 1986	22	--	22	--	--	--	13	9	8	--	13	65
JAN. 24, 1986	36	--	36	--	--	--	10	12	5	1	13	77
JAN. 17, 1986	6	--	6	5	--	7	10	1	8	1	8	46
JAN. 10, 1986	27	9	18	--	--	7	14	36	4	3	6	97
TOTAL U.S.	604	185	419	4	--	36	355	529	233	119	420	2,300
TOTAL U.S. Weeks Ended:												
JAN. 24, 1986	133	1	132	--	34	36	371	400	207	149	265	1,595
JAN. 17, 1986	101	20	81	63	41	60	271	334	224	151	323	1,568
JAN. 10, 1986	194	72	122	15	22	55	407	792	210	239	190	2,124
FEB. 1, 1985	418	257	161	N/A	--	54	174	600	229	89	78	1,642

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleased gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistical Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: JAN. 31, 1986

REVISIONS

01/24/86	PAGE 1	TOTAL REFINERY INPUT	IND., ILL., KY	2,052
			DISTRICT 2 TOTAL	3,120
			INLAND TEXAS	578
			DISTRICT 3 TOTAL	6,575
			TOTAL U.S.	13,973
			DISTRICTS 1-4	11,462
		CRUDE OIL RUNS	IND., ILL., KY	1,804
			DISTRICT 2 TOTAL	2,784
			TOTAL U.S.	12,408
			DISTRICTS 1-4	10,013
		INPUT TO CRUDE OIL	IND., ILL., KY	1,837
			DISTRICT 2 TOTAL	2,818
			TOTAL U.S.	12,575
			DISTRICTS 1-4	10,167
		% OPERABLE	IND., ILL., KY	84.4
			DISTRICT 2 TOTAL	86.2
			TOTAL U.S.	80.2
			DISTRICTS 1-4	80.4
	PAGE 2	TOTAL MGAS	IND., ILL., KY	1,118
			DISTRICT 2 TOTAL	1,678
			TOTAL U.S.	6,429
			DISTRICTS 1-4	5,456
		LEADED MGAS	IND., ILL., KY	363
			DISTRICT 2 TOTAL	607
			TOTAL U.S.	2,028
			DISTRICTS 1-4	1,692
		UNLEADED MGAS	IND., ILL., KY	755
			DISTRICT 2 TOTAL	1,071
			TOTAL U.S.	4,401
			DISTRICTS 1-4	3,764
		DISTILLATE FUEL	IND., ILL., KY	406
			DISTRICT 2 TOTAL	658
			TOTAL U.S.	2,886
			DISTRICTS 1-4	2,459
	PAGE 3	TOTAL MGAS	LOWER ATLANTIC	27,019
			DISTRICT 1 TOTAL	63,421
			TOTAL U.S.	230,787
			DISTRICTS 1-4	199,803
		LEADED MGAS	LOWER ATLANTIC	9,974
			DISTRICT 1 TOTAL	21,789
			TOTAL U.S.	77,214
			DISTRICTS 1-4	67,146
		UNLEADED MGAS	LOWER ATLANTIC	16,839
			DISTRICT 1 TOTAL	36,756
			TOTAL U.S.	114,243

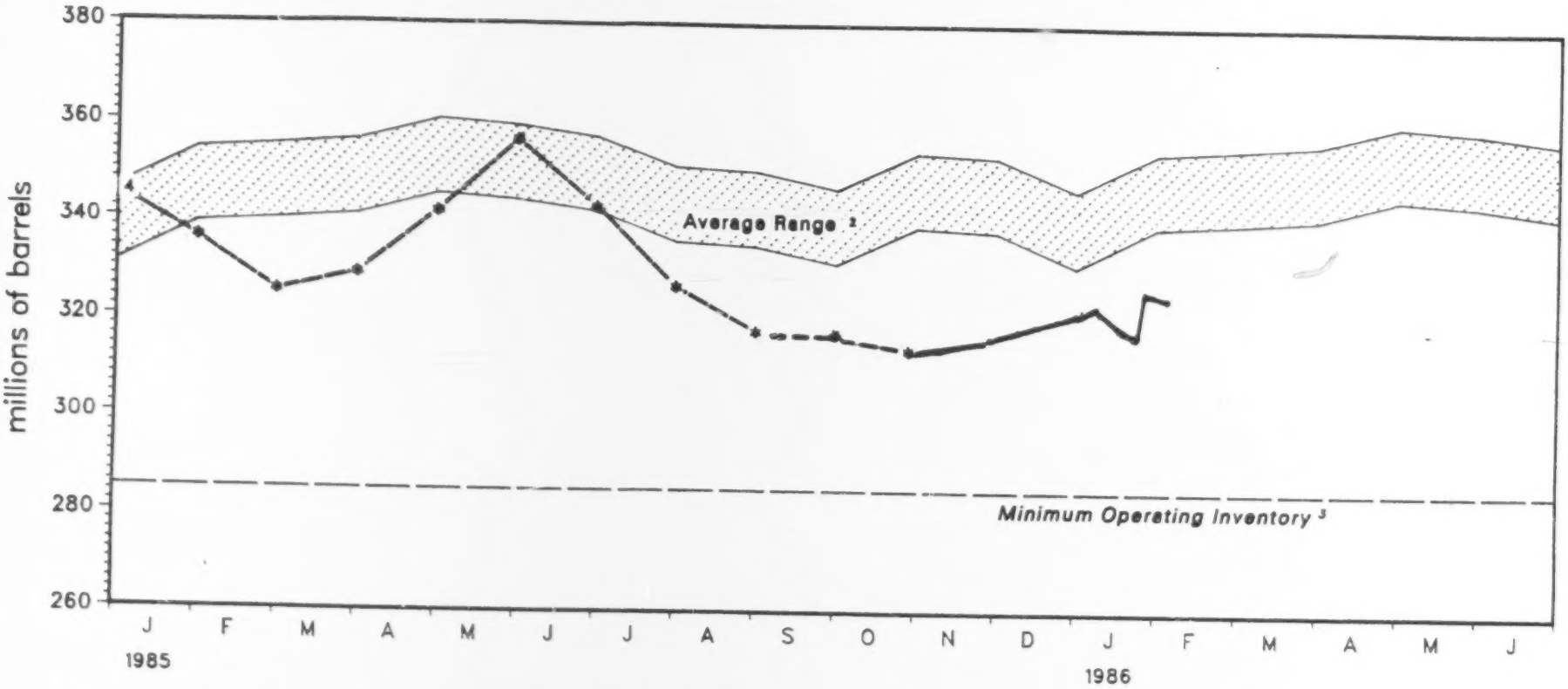
API STATISTICAL BULLETIN
WEEK ENDED: JAN. 31, 1986

REVISIONS

	UNFINISHED OILS	DISTRICTS 1-4	101,717
		DISTRICT 2 TOTAL	15,233
		TOTAL U.S.	103,496
		DISTRICTS 1-4	80,745
PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	249,282
		DISTRICT 5 TOTAL	75,778
		TOTAL U.S.	325,060
PAGE 4 B	TOTAL	PAD DISTRICT 2	72,623
		TOTAL PAD DISTRICTS 1-4	249,282
		PAD DISTRICT 5	75,778
		TOTAL U.S.	325,060

Week Ended: January 31, 1986

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 – June 1985. The seasonal pattern is based on seven years of monthly data: July 1977 – June 1984.*

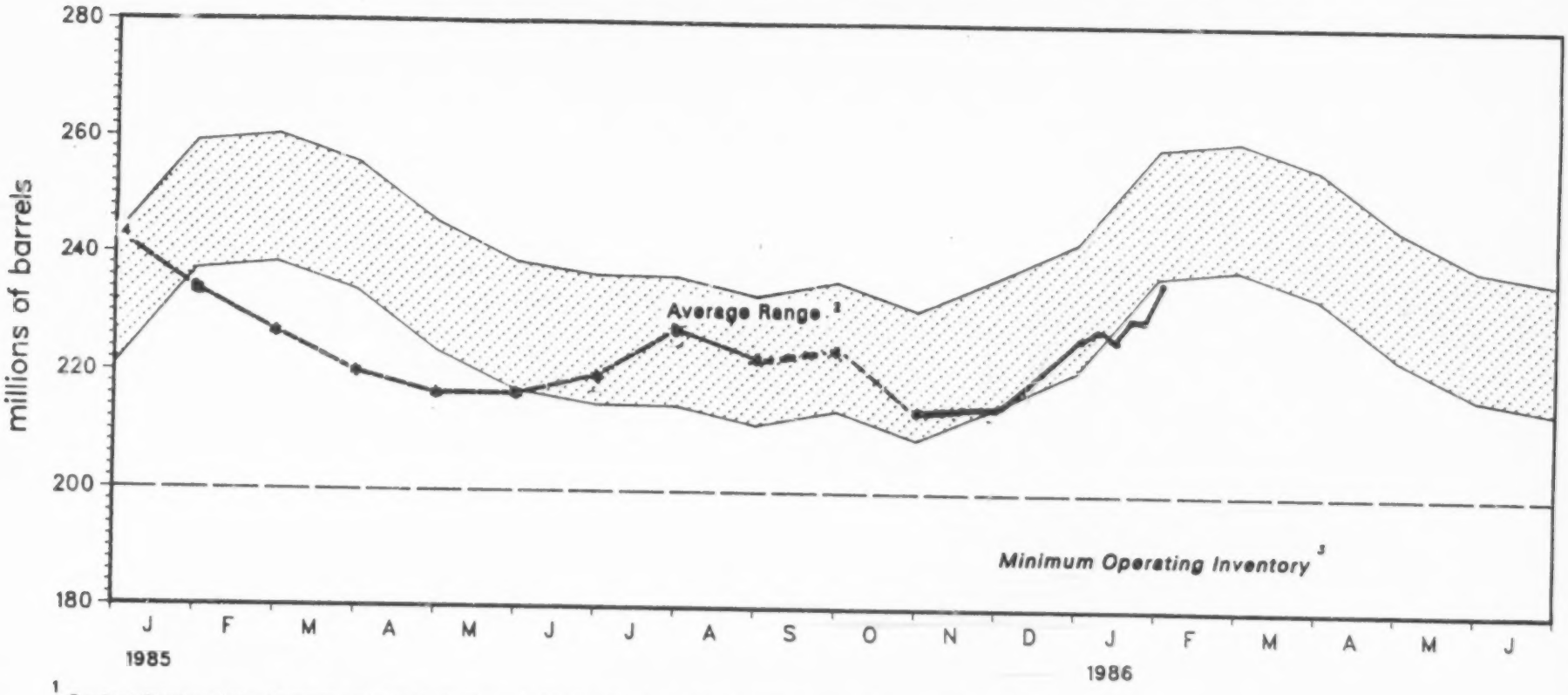
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: ●—● EIA, Energy Data Reports, Petroleum Statement, Monthly.*
•—• API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended: January 31, 1986

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 – June 1985. The seasonal pattern is based on six years of monthly data: July 1978 – June 1984.*

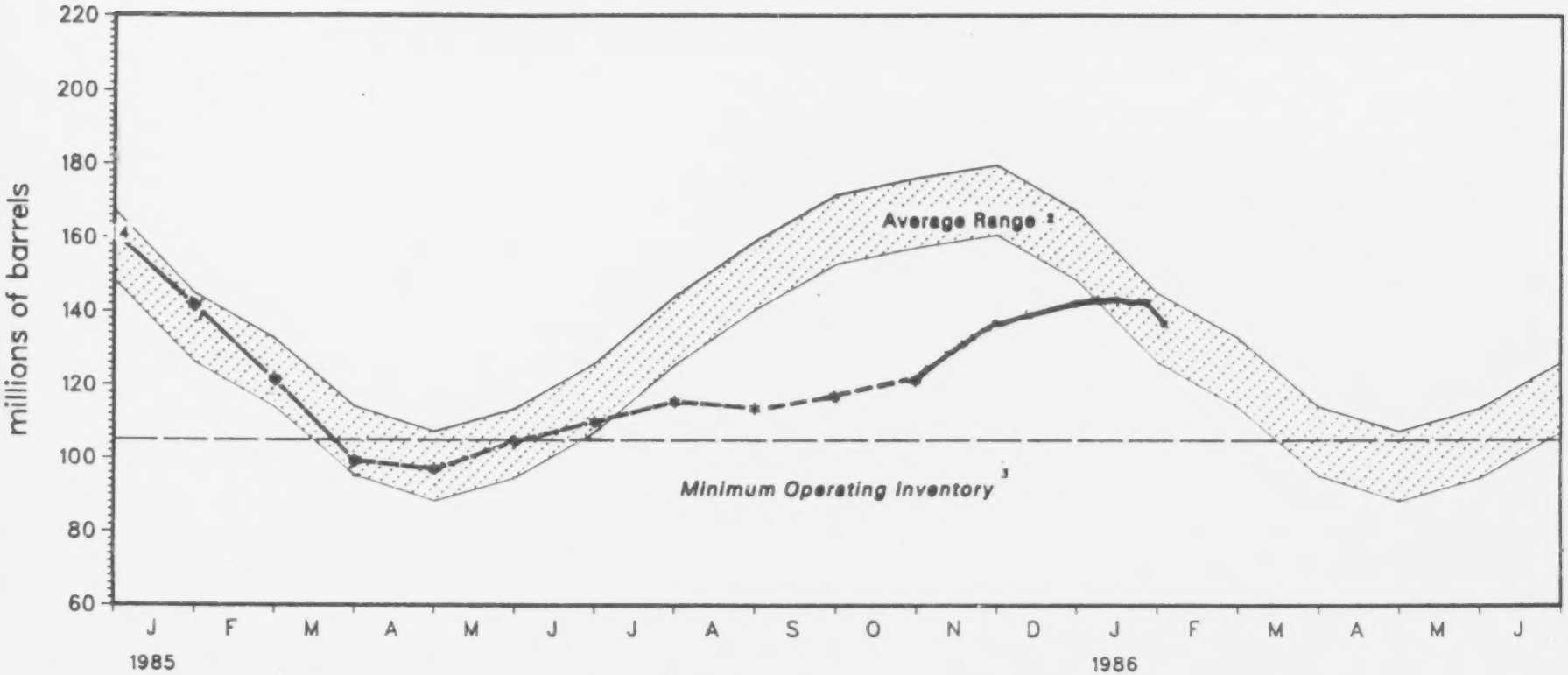
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source:* EIA, *Energy Data Reports, Petroleum Statement, Monthly.*
API, *Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended: January 31, 1986

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 – June 1985. The seasonal pattern is based on seven years of monthly data: July 1977 – June 1984.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: ● —— EIA, Energy Data Reports, Petroleum Statement, Monthly.*
▪ —— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*